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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
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09/124,231	07/29/98	I INUMA	N 1046.1185/JD
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TM02/0619

EXAMINER

LANEAU, R

ART UNIT

PAPER NUMBER

2674

DATE MAILED:

06/19/01

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

SC

Office Action Summary

Application No.
09/124,231

Applicant

NOBUHARU IINUMA

Examiner

Ronald Laneau

Art Unit

2674



-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136 (a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on Dec 4, 2000
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 35 C.D. 11; 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-14 is/are pending in the application.
- 4a) Of the above, claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-14 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claims _____ are subject to restriction and/or election requirements.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are objected to by the Examiner.
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. § 119

- 13) ☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).
- a) ☐ All b) ☐ Some* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- *See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

Attachment(s)

- 15) ☐ Notice of References Cited (PTO-892)
- 16) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 17) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____
- 18) ☐ Interview Summary (PTO-413) Paper No(s) _____
- 19) ☐ Notice of Informal Patent Application (PTO-152)
- 20) ☐ Other: _____

Art Unit: 2674

Continued Prosecution Application

1. The request filed on 4/27/01 for a Continued Prosecution Application (CPA) under 37 CFR 1.53(d) based on parent Application No. 09/124,231 is acceptable and a CPA has been established.

An action on the CPA follows.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 1-14 are rejected under 35 U.S.C. 102(b) as being anticipated by Walker (5,335,168).

As per claims 1 and 2, Walker teaches a computer system that has a monitor which can be powered down to conserve electrical power. The monitor has two power modes, normal power mode and low power mode. Upon receiving a signal from the CPU, the monitor switches between modes (see abstract), screen saver programs which usually remove the image on the screen of the monitor after a period of inactivity and replace the image with a moving image that will not burn the screen (see col. 2, lines 43-47). Although, Walker does not show a memory means but it is inherent that the CPU (20) includes a memory for storing the screen saver and this memory is as well a data rewritable memory as claimed.

Art Unit: 2674

As per claim 3, Walker teaches a CPU which sends a signal to the display for transmission for the screen saver to be displayed if there is no activity for a period of time as claimed (see col. 2, lines 43-47).

As per claims 4 and 5, the CPU taught by Walker is able to process image data. Further, Walker teaches a computer system that has a monitor which can be powered down to conserve electrical power. The monitor has two power modes, normal power mode and low power mode. Upon receiving a signal from the CPU, the monitor switches between modes (see abstract), screen saver programs which usually remove the image on the screen of the monitor after a period of inactivity and replace the image with a moving image that will not burn the screen (see col. 2, lines 43-47). Although, Walker does not show a memory means but it is inherent that the CPU (20) includes a memory for storing the screen saver and this memory is as well a data rewritable memory. It is also capable of storing image data to send to the display screen as claimed.

As per claims 6 and 7, Walker teaches a computer system that has a monitor which can be powered down to conserve electrical power. The monitor has two power modes, normal power mode and low power mode. Upon receiving a signal from the CPU, the monitor switches between modes (see abstract), screen saver programs which usually remove the image on the screen of the monitor after a period of inactivity and replace the image with a moving image that will not burn the screen (see col. 2, lines 43-47). Although, Walker does not show a memory means but it is inherent that the CPU (20) includes a memory for storing the screen saver and this memory is as well a data

Art Unit: 2674

rewritable memory as claimed. If there is no activity from a user or no signal from the CPU to the display, the screen saver automatically is displayed on the display screen (see figures 2, 3).

As per claim 8, Walker teaches a CPU which sends a signal to the display for transmission for the screen saver to be displayed if there is no activity for a period of time as claimed (see col. 2, lines 43-47).

As per claim 9, see rejection of claims 6 and 7.

As per claim 10, see rejection of claims 1 and 4.

As per claim 11, see rejection of claim 5.

As per claims 12 and 13, see rejection of claim 2.

As per claim 14, see rejection of claim 4.

Response to Arguments

4. Applicant's arguments filed on 4/27/01 have been fully considered but they are not persuasive.

Applicant argues that his claimed invention is characterized by having a CRT controller which is independent from a personal computer. Contrary to applicant's arguments, Walker (5,335,168) teaches a computer system that has a monitor controller which can be powered down to conserve electrical power as claimed. Further, applicant's specifications state in page 13 and lines 11-16 that the flat panel controller 22 functioning as a sub-display control means sequentially supplies the image data which are sent from the above-described graphic controller 4 functioning as a main display control means to the liquid crystal display screen 21 for displays controls. In other words, graphics

Art Unit: 2674

controller 4 which is part of the computer frame 2 controls the flat panel controller 22 which controls the display (see applicant's figure 1). Somehow the CPU plays a role in powering down the monitor so as save the power consumption. Applicant needs to further put more details into the independent claims as to how his invention works. The rejection stands as is.

5. Any response to this action should be mailed to:

Commissioner of Patents and Trademarks

Washington, D.C. 20231

or faxed to:

(703) 308-9051, (for formal communications intended for entry)

Or:

(703) 305- 308-6606, (for informal or draft communications, please label
"PROPOSED" or "DRAFT")

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington. VA.,
Sixth Floor (Receptionist).

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ronald Laneau whose telephone number is (703) 305-3973. The examiner can normally be reached on Monday-Friday from 7:30 am to 6:00 pm.

Art Unit: 2674

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Richard Hjerpe, can be reached on (703) 305-4709.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 305-3900.

Ronald Laneau

June 6, 2001



RICHARD HJERPE
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600